

## BESIN微静电过滤网

### BESIN Microstatic Filter

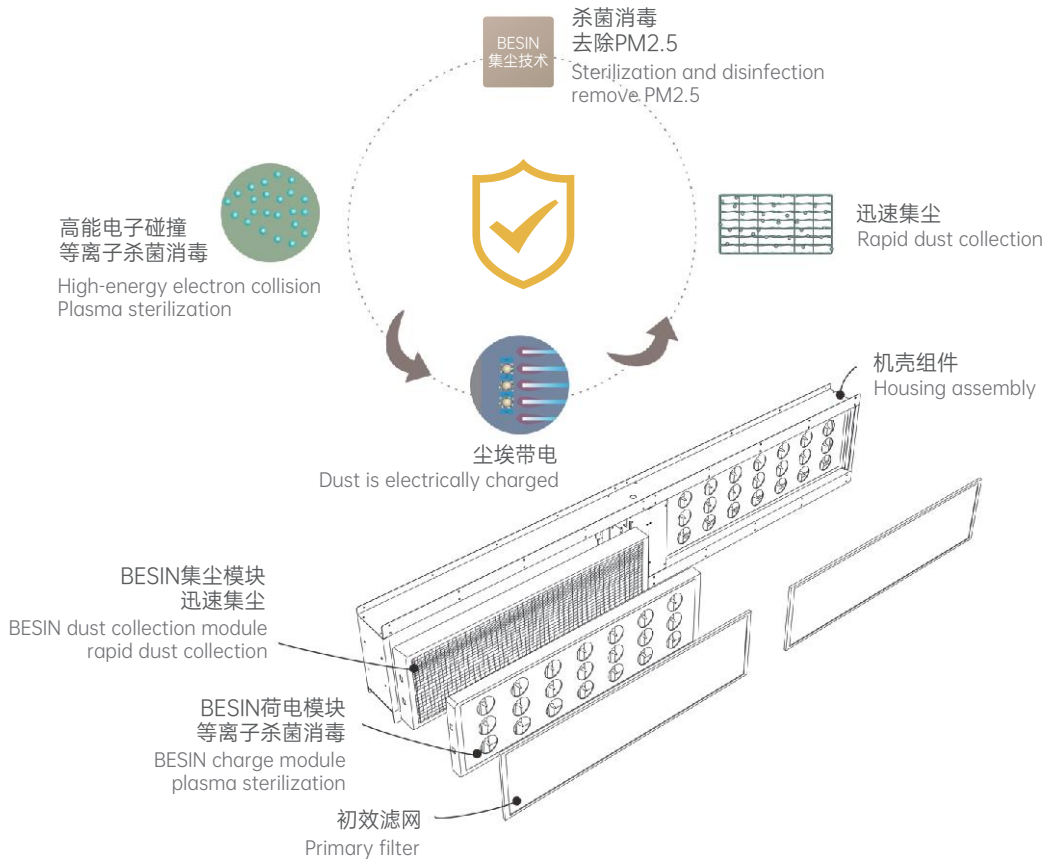
#### 产品特点 / Product Features

- **高效净化：** 对颗粒物（PM2.5）一次性净化效率高达99%  
Highly efficient purification: One-time purification efficiency of up to 99% for particulate matter (PM2.5)
- **消毒杀菌：** 阻断细菌，对病毒灭活率高达99%  
Disinfecting and sterilizing: Blocking bacteria and extinguishing up to 99% of viruses
- **低碳环保：** 节约能耗高达5000度/年/万风量  
Low carbon and environmental protection: Saving energy consumption up to 5000 degrees / year / 10,000 air volume
- **近零维护成本：** 设计寿命 > 15年，期间仅需清洗，无需更换  
Near-zero maintenance costs: Design life > 15 years, during which time only cleaning is required and no replacement is necessary

#### 核心优势 / Core Advantages

- **大容量：** 容尘量远超 HEPA 滤网和微静电滤网。  
Large dust capacity: Holds far more dust than HEPA filters and microstatic filters.
- **防漏电：** 供电点正负极板完全隔离，无放电漏电。  
Anti-leakage: The positive and negative plates at the power supply point are completely isolated, no discharge leakage.
- **强适应：** 在高温、高湿、高盐的环境下运行，仍然保持高效率。  
Strong adaptation: Operate in high temperature, high humidity and high salt environment and still maintain high efficiency.
- **低阻：** 风速条件下阻力小，长期运行阻力无显著上升。  
Low resistance: Small resistance under wind speed conditions, no significant rise in resistance in long-term operation.
- **安全低碳：** 近零臭氧排放，无放电噪音；超薄设计，低能耗。  
Safe and low carbon: Nearly zero ozone emissions, no discharge noise; ultra-thin design, low energy consumption.
- **高适配：** 可灵活用于多种设备。  
Highly adaptable: Can be flexibly used for a wide range of devices.
- **高效：** PM2.5与微生物净化效率高。  
High efficiency: High purification efficiency for PM2.5 and microorganisms.
- **高能：** 吸附面积广，可捕捉0.01微米颗粒物。  
High-energy: Wide adsorption area to capture 0.01 micron particles.
- **经济：** 维护周期长，运营维护费用大幅降低。  
Economy: Long maintenance cycles and significantly reduced operation and maintenance costs.
- **可水洗：** 可反复水洗，零耗材。  
Washable: Can be washed repeatedly, zero consumables.

## 工作原理 / Working Principle



## 空气消毒净化方案 / Air Sterilization and Purification Program



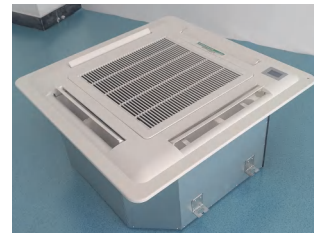
中央空调回风口式  
Central air-conditioning return air outlet type



风道式 1  
Ducted 1



风道式 2  
Ducted 2



嵌入式自循环  
Embedded self-circulating

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